



04-11-07

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PATENT  
454311-2220.2

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s) : Sean PHILPOTT et al.  
Title : ANALYSIS OF HIV-1 CORECEPTOR USE IN THE CLINICAL  
CARE OF HIV-1 INFECTED PATIENTS  
U.S. Serial No. : 10/695,846  
Filing Date : October 29, 2003  
Examiner : Louise Wang Zhiying Humphrey  
Art Unit : 1648  
Confirmation No. : 7869

04/11/2007 HDEHESS1 00000023 10695846

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The Examiner's attention is respectfully directed to the following documents set forth in  
the accompanying form PTO-1449, which is provided in duplicate. Copies of the cited


documents are not enclosed. Applicants request that the Examiner consider and make of record the documents cited herein and that a copy of Form PTO-1449, initialed by the Examiner be returned to the Applicants' attorneys.

This Information Disclosure Statement is not a representation that the documents cited herein are considered most pertinent, or that a search has been undertaken or that the cited documents are indeed prior art. The Examiner is invited to undertake an independent search.

As this Information Disclosure Statement is being submitted after receipt of an Office Action, accordingly a check in the amount of \$180.00 is attached for the IDS surcharge. If, however an additional fee is due, the Director is authorized to charge any additional required fee for this paper, or credit any overpayment in fees for this paper, to Deposit Account 50-0320.

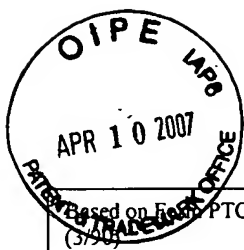
Respectfully submitted,

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Enc. - PTO-1449 (in duplicate)



Based on Form PTO-1449 (3/99)	ATTY. DOCKET NO. 454311-2220.2	SERIAL NO. 10/695,846
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)	APPLICANT Sean PHILPOTT et al.	
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	7, 097, 970	08/29/06	Petropoulos et al.			
	AB	2005/0214743	09/29/05	Richman et al.			
	AC	2006/0183110	08/17/06	Petropoulos et al.			

FOREIGN PATENT DOCUMENTS							
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	AD						

OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)							
	AE		Nelson, et al., "Evolutionary Variants of the Human Immunodeficiency Virus Type 1 V3 Region Characterized by Using a Heteroduplex Tracking Assay", Journal of Virology, Nov. 1997, vol. 71, no. 11, pages 8750-8758				
	AF		L. Q. Zhang et al., "Selection for Specific Sequences in the External Envelope Protein of Human Immunodeficiency Virus Type 1 upon Primary Infection", Journal of Virology, June 1993, vol. 67, no. 6, pages 3345-3356				
	AG		Shang CAO et al., "Study on transient infection of T cell lines by M tropic HIV-1 strains", Chinese Journal of Experimental and Clinical Virology, vol. 13, no. 2, June 1999, pages 163-169				
	AH		Shan Li et al., "Persistent CCR5 Utilization and Enhanced Macrophage Tropism by Primary Blood Human Immunodeficiency Virus Type 1 Isolates from Advanced Stages of Disease and Comparison to Tissue-Derived Isolates", Journal of Virology, December 1999, vol. 73, no. 12, pages 9741-9755				
	AI		Julie A. E. Nelson et al., "Patterns of Changes in Human Immunodeficiency Virus Type 1 V3 Sequence Populations Late in Infection", Journal of Virology, September 2000, vol. 74, no. 18, pages 8494-8501				
	AJ		Timothy J. Wilkin et al., "HIV Type 1 Chemokine Coreceptor Use among Antiretroviral-Experienced Patients Screened for a Clinical Trial of a CCR5 Inhibitor: AIDS Clinical Trial Group A5211", Clinical Infectious Diseases, February 15, 2007, vol. 44, no. 4, pages 591-595				
	AK		Charlotte Tscherning-Casper et al., "Coreceptor Usage of HIV-1 Isolates Representing Different Genetic Subtypes Obtained From Pregnant Cameroonian Women", Journal of Acquired Immune Deficiency Syndromes, vol. 24, no. 1, May 1, 2000, pages 1-9				
	AL		Dalma Vodros et al., "Quantitative Evaluation of HIV-1 Coreceptor Usin in the GHOST (3) Cell Assay", Virology, vol. 291, no. 1, December 5, 2001, pages 1-11				
	AM		Paul R. Gorry et al., "Macrophage Tropism of Human Immunodeficiency Virus Type 1 Isolates from Brain and Lymphoid Tissues Predicts Neurotropism Independent of Coreceptor Specificity", Journal of Virology, November 2001, vol. 75, no. 21, pages 10073-10089				

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	AC	5,851,759	12/22/98	Weiner			
	AD	2003/0180717	09/25/03	Esteban et al.			
	AE	5,837,464	11/17/98	Capon et al.			
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